

## **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

- 1        1. (Currently amended) A method for managing information retention in a  
2 system, comprising:  
3            receiving a set of information into a system;  
4            associating one or more keys with said set of information;  
5            encrypting said set of information using said one or more keys;  
6            storing said set of information in encrypted form into one or more  
7 repositories, wherein only the encrypted form of the set of information is  
8 persistently stored within the information system and no unencrypted form of the  
9 set of information is persistently stored within the information system; and  
10          purging said set of information from the system so that said set of  
11 information is not available within to a user from the system by deleting said one  
12 or more keys, thereby making said set of information unrenderable;  
13          prior to deletion of said one or more keys, receiving a request from an  
14 information sink to render said set of information to a user;  
15          accessing the encrypted form of said set of information from the one or  
16 more repositories;  
17          accessing said one or more keys;  
18          providing the encrypted form of said set of information and said one or  
19 more keys to the information sink to enable the information sink to decrypt the  
20 encrypted form of said set of information; and

21           using said one or more keys to render said set of information to the user,  
22           wherein the information sink comprises sufficient logic to prevent it from  
23           persistently storing said one or more keys received from an information manager.

1           2. (Original) The method of claim 1, wherein said set of information is  
2       purged from the system without requiring that the encrypted form of said set of  
3       information be deleted from the one or more repositories.

1           3. (Original) The method of claim 1, wherein said set of information is  
2       stored in the one or more repositories only in encrypted form.

1           4. (Original) The method of claim 1, wherein said one or more keys  
2       comprises a symmetrically paired set of keys.

1           5. (Original) The method of claim 1, further comprising:  
2       prior to deletion of said one or more keys, receiving a request from an  
3       information sink to render said set of information to a user;  
4       accessing the encrypted form of said set of information from the one or  
5       more repositories;  
6       decrypting the encrypted form of said set of information using said one or  
7       more keys to derive said set of information; and  
8       providing said set of information to the information sink to render said set  
9       of information to the user.

1           6. (Original) The method of claim 5, wherein said set of information is  
2       stored in the one or more repositories only in encrypted form, and wherein the  
3       encrypted form of said set of information is decrypted only when it is necessary to  
4       render said set of information to the user.

1           7 (Canceled).

1       8. (Currently amended) The method of claim 7, wherein said set of  
2 information is stored in the one or more repositories only in encrypted form, and  
3 wherein the encrypted form of said set of information is decrypted only when it is  
4 necessary to render said set of information to the user.

1       9. (Original) The method of claim 1, wherein purging comprises:  
2           determining, based upon an information retention policy, whether said set  
3 of information should be purged from the system; and  
4           in response to a determination that said set of information should be  
5 purged from the system, purging said set of information from the system by  
6 deleting said one or more keys, thereby making said set of information  
7 unrenderable.

1       10. (Original) The method of claim 9, wherein said information retention  
2 policy is time-based such that said set of information is purged after a certain  
3 period of time.

1       11. (Original) The method of claim 9, wherein said information retention  
2 policy is condition-based such that said set of information is purged when one or  
3 more conditions are satisfied.

1       12. (Currently amended) An apparatus for managing information retention  
2 in a system, comprising:  
3           a mechanism for receiving a set of information into a system;  
4           a mechanism for associating one or more keys with said set of  
5 information;

6           a mechanism for encrypting said set of information using said one or more  
7   keys;

8           a mechanism for storing said set of information in encrypted form into one  
9   or more repositories, wherein only the encrypted form of the set of information is  
10   persistently stored within the information system and no unencrypted form of the  
11   set of information is persistently stored within the information system; and

12           a mechanism for purging said set of information from the system so that  
13   said set of information is not available within to a user from the system by  
14   deleting said one or more keys, thereby making said set of information  
15   unrenderable;

16           a mechanism for receiving, prior to deletion of said one or more keys, a  
17   request from an information sink to render said set of information to a user;

18           a mechanism for accessing the encrypted form of said set of information  
19   from the one or more repositories;

20           a mechanism for accessing said one or more keys;

21           a mechanism for providing the encrypted form of said set of information  
22   and said one or more keys to the information sink to enable the information sink  
23   to decrypt the encrypted form of said set of information; and

24           using said one or more keys to render said set of information to the user,  
25   wherein the information sink comprises sufficient logic to prevent it from  
26   persistently storing said one or more keys received from an information manager.

1           13. (Original) The apparatus of claim 12, wherein said set of information  
2   is purged from the system without requiring that the encrypted form of said set of  
3   information be deleted from the one or more repositories.

1           14. (Original) The apparatus of claim 12, wherein said set of information  
2   is stored in the one or more repositories only in encrypted form.

1        15. (Original) The apparatus of claim 12, wherein said one or more keys  
2 comprises a symmetrically paired set of keys.

1        16. (Original) The apparatus of claim 12, further comprising:  
2            a mechanism for receiving, prior to deletion of said one or more keys, a  
3 request from an information sink to render said set of information to a user;  
4            a mechanism for accessing the encrypted form of said set of information  
5 from the one or more repositories;  
6            a mechanism for decrypting the encrypted form of said set of information  
7 using said one or more keys to derive said set of information; and  
8            a mechanism for providing said set of information to the information sink  
9 to enable the information sink to render said set of information to the user.

1        17. (Original) The apparatus of claim 16, wherein said set of information  
2 is stored in the one or more repositories only in encrypted form, and wherein the  
3 encrypted form of said set of information is decrypted only when it is necessary to  
4 render said set of information to the user.

1        18 (Canceled).

1        19. (Currently amended) The apparatus of ~~claim 18~~claim 12, wherein said  
2 set of information is stored in the one or more repositories only in encrypted form,  
3 and wherein the encrypted form of said set of information is decrypted by the  
4 information sink only when it is necessary to render said set of information to the  
5 user.

1        20. (Original) The apparatus of claim 12, wherein the mechanism for  
2 purging comprises:

3           a mechanism for determining, based upon an information retention policy,  
4 whether said set of information should be purged from the system; and  
5           a mechanism for deleting, in response to a determination that said set of  
6 information should be purged from the system, said one or more keys, thereby  
7 making said set of information unrenderable.

1           21. (Original) The apparatus of claim 20, wherein said information  
2 retention policy is time-based such that said set of information is purged after a  
3 certain period of time.

1           22. (Original) The apparatus of claim 20, wherein said information  
2 retention policy is condition-based such that said set of information is purged  
3 when one or more conditions are satisfied.

1           23. (Currently amended) A computer readable medium having stored  
2 thereon instructions which, when executed by one or more processors, cause the  
3 one or more processors to manage information retention in a system, comprising:  
4           instructions for causing one or more processors to receive a set of  
5 information into a system;  
6           instructions for causing one or more processors to associate one or more  
7 keys with said set of information;  
8           instructions for causing one or more processors to encrypt said set of  
9 information using said one or more keys;  
10          instructions for causing one or more processors to store said set of  
11 information in encrypted form into one or more repositories;  
12          wherein only the encrypted form of the set of information is persistently  
13 stored within the information system and no unencrypted form of the set of  
14 information is persistently stored within the information system, and

15       instructions for causing one or more processors to purge said set of  
16 information from the system so that said set of information is not available ~~within~~  
17 ~~to a user from~~ the system by deleting said one or more keys, thereby making said  
18 set of information unrenderable;  
19       instructions for causing one or more processors to receive, prior to deletion  
20 of said one or more keys, a request from an information sink to render said set of  
21 information to a user;  
22       instructions for causing one or more processors to access the encrypted  
23 form of said set of information from the one or more repositories;  
24       instructions for causing one or more processors to access said one or more  
25 keys;  
26       instructions for causing one or more processors to provide the encrypted  
27 form of said set of information and said one or more keys to the information sink  
28 to enable the information sink to decrypt the encrypted form of said set of  
29 information; and  
30       instructions for using said one or more keys to render said set of  
31 information to the user, wherein the information sink comprises sufficient logic to  
32 prevent it from persistently storing said one or more keys received from an  
33 information manager.

1           24. (Original) The computer readable medium of claim 23, wherein said  
2 set of information is purged from the system without requiring that the encrypted  
3 form of said set of information be deleted from the one or more repositories.

1           25. (Original) The computer readable medium of claim 23, wherein said  
2 set of information is stored in the one or more repositories only in encrypted form.

1           26. (Original) The computer readable medium of claim 23, wherein said  
2 one or more keys comprises a symmetrically paired set of keys.

1           27. (Original) The computer readable medium of claim 23, further  
2 comprising:

3           instructions for causing one or more processors to receive, prior to deletion  
4 of said one or more keys, a request from an information sink to render said set of  
5 information to a user;

6           instructions for causing one or more processors to access the encrypted  
7 form of said set of information from the one or more repositories;

8           instructions for causing one or more processors to decrypt the encrypted  
9 form of said set of information using said one or more keys to derive said set of  
10 information; and

11          instructions for causing one or more processors to provide said set of  
12 information to the information sink to enable the information sink to render said  
13 set of information to the user.

1           28. (Original) The computer readable medium of claim 27, wherein said  
2 set of information is stored in the one or more repositories only in encrypted form,  
3 and wherein the encrypted form of said set of information is decrypted only when  
4 it is necessary to render said set of information to the user.

1           29 (Canceled).

1           30. (Currently amended) The computer readable medium of ~~claim 29~~<sup>claim</sup>  
2 ~~23~~, wherein said set of information is stored in the one or more repositories only  
3 in encrypted form, and wherein the encrypted form of said set of information is

4 decrypted by the information sink only when it is necessary to render said set of  
5 information to the user.

1           31. (Original) The computer readable medium of claim 23, wherein the  
2 instructions for causing one or more processors to purge said set of information  
3 from the system comprises:

4           instructions for causing one or more processors to determine, based upon  
5 an information retention policy, whether said set of information should be purged  
6 from the system; and

7           instructions for causing one or more processors to delete, in response to a  
8 determination that said set of information should be purged from the system, said  
9 one or more keys, thereby making said set of information unrenderable.

1           32. (Original) The computer readable medium of claim 31, wherein said  
2 information retention policy is time-based such that said set of information is  
3 purged after a certain period of time.

1           33. (Original) The computer readable medium of claim 31, wherein said  
2 information retention policy is condition-based such that said set of information is  
3 purged when one or more conditions are satisfied.